

Course Code: 3MSC2
Course: Bio-organic & Bio-inorganic Chemistry
Credit: 3
Last Submission Date: April 30 (for January Session)
October 31, (for July session)

Max. Marks:-30

Min. Marks:-11

Note:-attempt all questions.

- Que.1 Structure of prokaryotic and eukaryotic cells.
- Que.2 Write notes on ATP- the biological energy currency.
- Que.3 Write chemical and enzymatic hydrolysis of protein to peptides.
- Que.4 Give details about triple helix structure of collagen.
- Que.5 Structure of RNA and DNA.
- Que.6 Write of chemical and enzymatic hydrolysis of ureic acids.
- Que.7 What is Na^+ - K^+ pump.
- Que.8 Write details about Mg-calcium complex with nucleic acid.
- Que.9 Give details about nitrogen in biosphere.
- Que.10 What is nitrogen cycle.